

ABSTRACT OF THE DISCLOSURE

5 A model and implementation process of a  
conversational rational agent as a kernel of a dialogue  
system and/or as an element (agent) of a multiagent  
system including definition of a conceptual  
architecture of a conversational rational agent; formal  
specification of the different components of this  
10 architecture and their combination permitting a formal  
model to be obtained; definition of the software  
architecture implementing the formal architecture; and  
definition of implementation mechanisms of the formal  
specifications, the rational agent being suited both to  
15 converse with another agent or with a user of the  
system through any communication medium.

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